

PAYLOAD PERMIT

240445-PPT

I, Hon Judith Collins KC as Minister for Space,
acting pursuant to
Section 17 of the Outer Space and High-
altitude Activities Act 2017, grant a Payload
Permit to:

Research Trust of Victoria University of Wellington

Research Trust of Victoria University of Wellington is authorised to
launch and operate one payload, Hēki,
for the purpose of technology demonstration.

This permit will take effect upon signature, and will expire
(i) three years from date of signature, or

(ii) if the payload is launched, when the payload is no longer in the
Earth's orbit.

This permit is granted subject to the Outer Space and High-altitude
Activities Act 2017 and all regulations under the Act, and the
conditions of the permit.

27 July 2024

Dated



Hon Judith Collins KC
Minister for Space

Schedule 1

Statutory Conditions

Section 18 of the Outer Space and High-altitude Activities Act 2017 (the Act) sets out statutory conditions for payload permits that permit holders must comply with. The permit holder is responsible for ensuring they understand which conditions apply to them. These require the permit holder to:

- (a) provide to the Minister, in accordance with any prescribed requirements, —
 - (i) the date and location of each proposed launch of a payload under the permit; and
 - (ii) details of the intended and actual basic orbital parameters (including the nodal period, inclination, apogee, and perigee) of the payload that reaches or is intended to reach outer space; and
 - (iii) any prescribed information relating to each payload; and
- (b) comply with any request by the Minister under section 50 (*request for information*); and
- (c) notify the Minister, in accordance with any prescribed requirements, if any of the following occurs:
 - (i) in a case where the Minister has advised the permit holder that the Minister treated a licence, permit, or other authorisation granted in a country other than New Zealand as satisfying any criteria under section 51, that licence, permit, or other authorisation changes, expires, or is revoked; or
 - (ii) a payload under the permit that reaches outer space is no longer in earth orbit (unless the permit holder does not know, and could not reasonably know, that the payload is no longer in earth orbit); and
- (d) conduct operations of each payload in a manner that—
 - (i) minimises the risk of contamination of outer space or adverse changes in the earth's environment; and
 - (ii) takes into account the activities of others in the use of outer space; and
 - (iii) is consistent with New Zealand's international obligations; and
 - (iv) avoids harmful interference with outer space and terrestrial radiocommunications

Schedule 2

Ministerial Conditions

Section 18(1)(f) of the Act requires the payload operator to comply with any other conditions that the Minister considers necessary or desirable in order to —

- (i) give effect to New Zealand’s international obligations; or
 - (ii) protect national security or other national interests; or
 - (iii) ensure public safety; or
 - (iv) avoid potentially harmful interference with the activities of others in the peaceful exploration and use of outer space; or
 - (v) minimise the risk of contamination of outer space or adverse changes in the earth’s environment; or
 - (vi) manage New Zealand’s potential liability under international law (including under the Liability Convention and the Outer Space Treaty)
1. In the event of any accident or incident involving a space object to which this permit applies (including accidents or incidents that involve only the permitted space object), the permit holder will as soon as reasonably practicable:
 - a) notify the New Zealand Space Agency of the accident or incident; and
 - b) provide the New Zealand Space Agency a written report about the accident or incident including, but not limited to, the following (if known):
 - (i) the date and time of the accident or incident;
 - (ii) details of the space objects involved, if multiple payloads were involved in the accident or incident;
 - (iii) orbital parameters that the accident or incident took place;
 - (iv) the cause and nature of the accident or incident; and
 - (v) the immediate actions taken by the permit holder in response to the accident or incident.
 2. That Research Trust of Victoria University of Wellington shall not launch the payload unless it
 - a) obtains from NASA the safety certification “Phase III Approval” under International Space Station Program rules to launch the payload that is authorised by this permit; and
 - b) provides the New Zealand Space Agency with copies of that safety certification before launch.
 3. That Research Trust of Victoria University of Wellington notify the New Zealand Space Agency of the proposed launch date and launch provider prior to launching the payload.
 4. That Research Trust of Victoria University of Wellington notify the New Zealand Space Agency once the payload has returned to Earth as soon as reasonably practicable after this has occurred.